Fig. 1

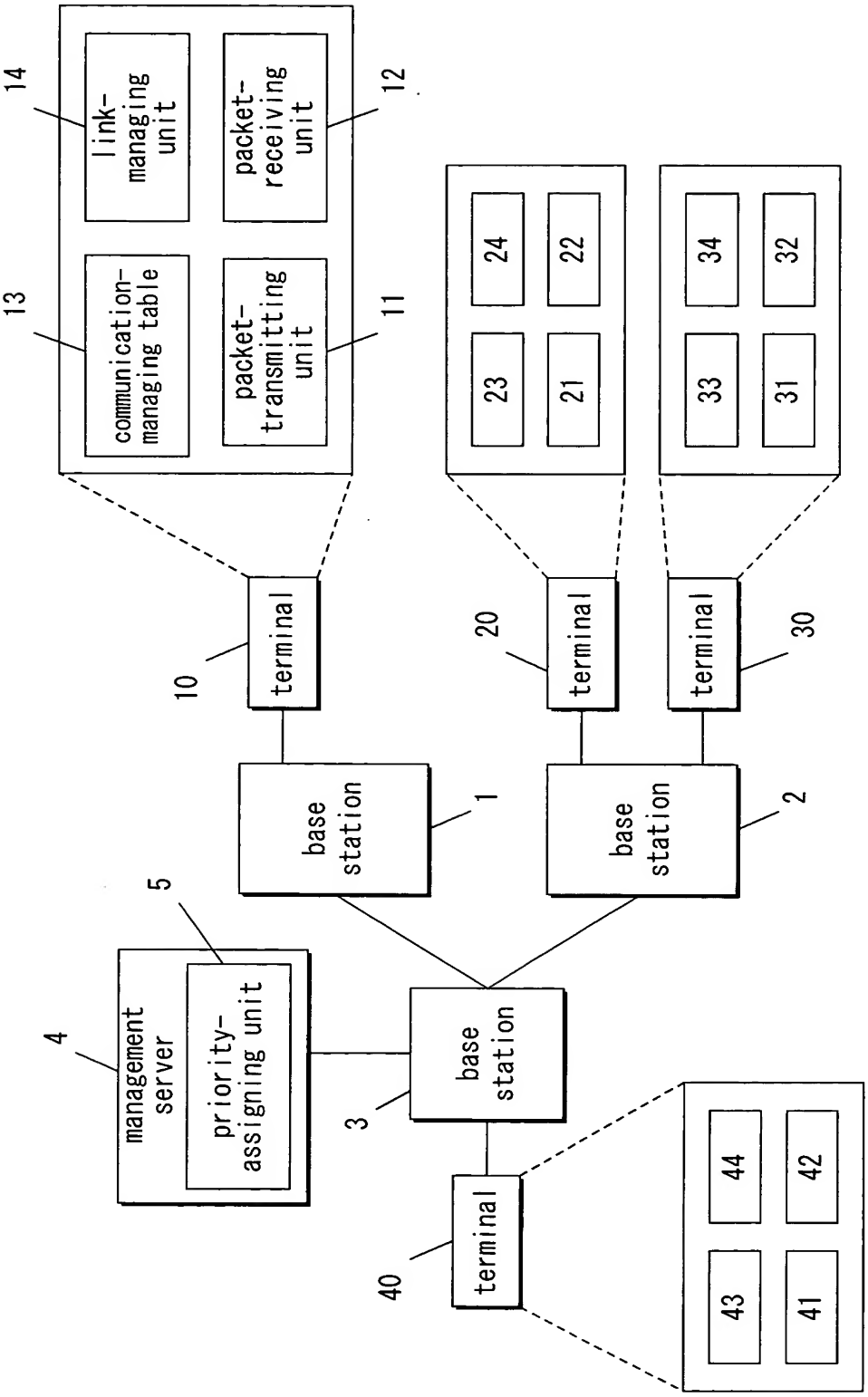

14
link-managing unit
12
packet-receiving unit
13
communication-managing table
11
packet-transmitting unit
10
terminal
24
22
23
21
20
terminal
34
32
33
31
30
terminal
base station
1
base station
2
5
management server
priority-assigning unit
4
base station
3
40
terminal
44
42
43
41

Fig. 2

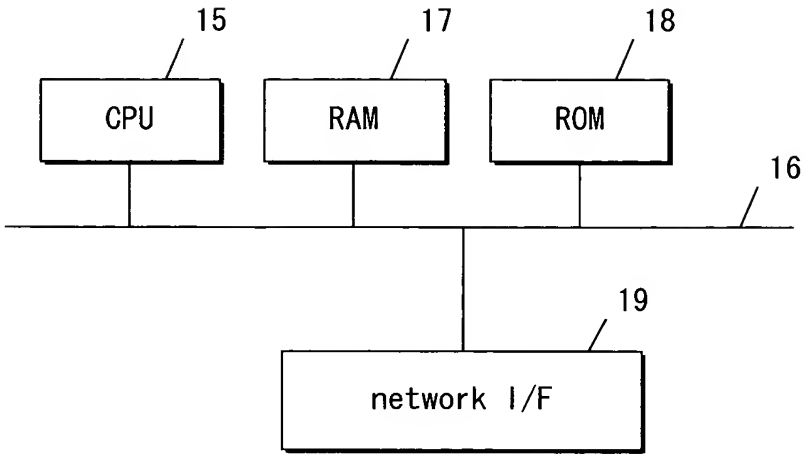

15
17
18
CPU
RAM
ROM
16
19
network I/F

Fig. 3

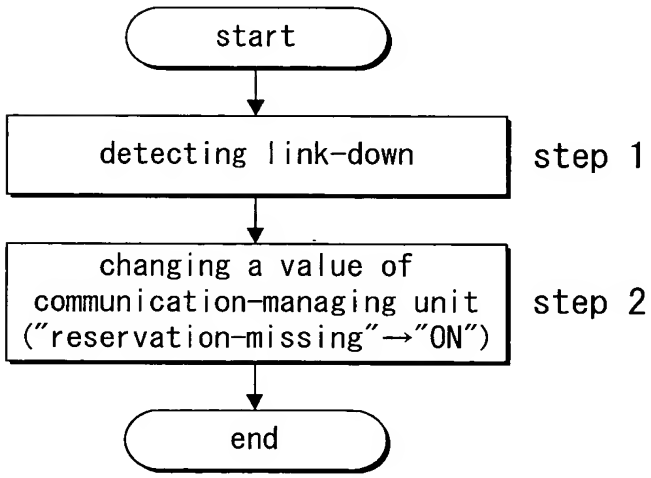

start
detecting link-down
step 1
changing a value of communication-managing unit ("reservation-missing"→"ON")
step 2
end

Fig. 4

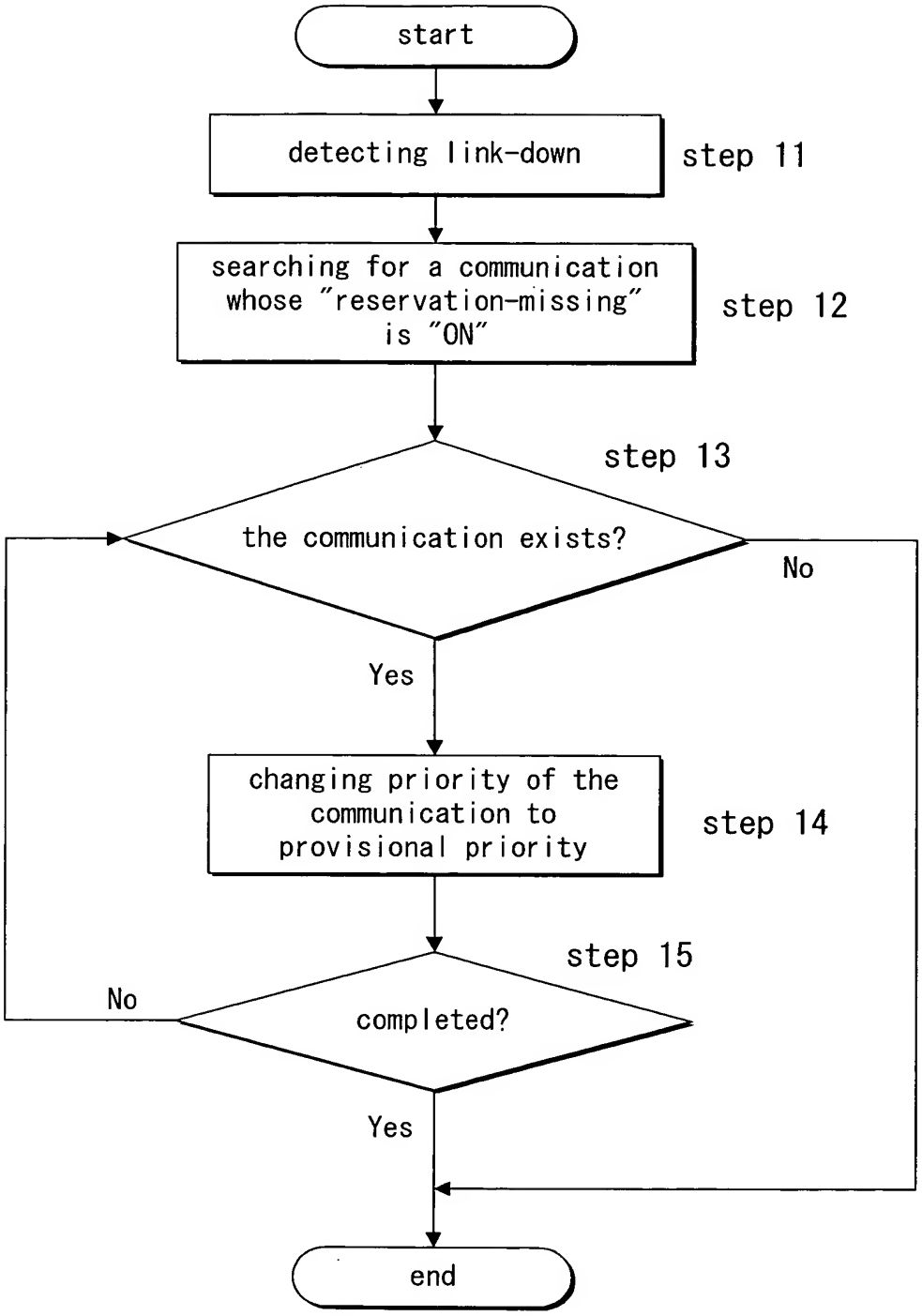

start
detecting link-down
step 11
searching for a communication whose "reservation-missing" is "ON"
step 12
step 13
the communication exists?
No
Yes
changing priority of the communication to provisional priority
step 14
step 15
No
completed?
Yes
end

Fig. 5

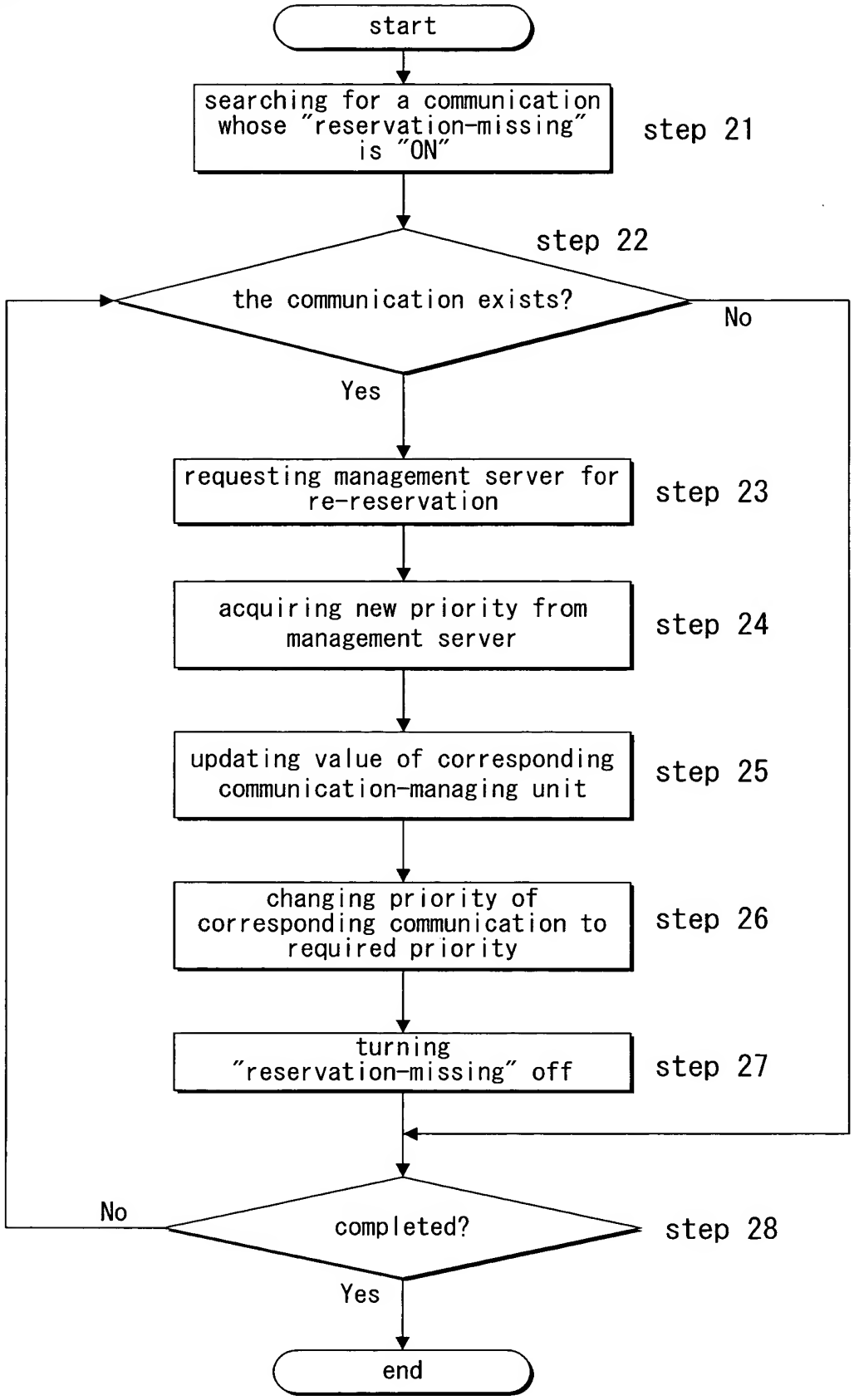

start
searching for a communication whose "reservation-missing" is "ON"
step 21
step 22
the communication exists?
No
Yes
requesting management server for re-reservation
step 23
acquiring new priority from management server
step 24
updating value of corresponding communication-managing unit
step 25
changing priority of corresponding communication to required priority
step 26
turning "reservation-missing" off
step 27
No
completed?
step 28
Yes
end

Fig. 6(a)

source	destination	socket number	DSCP priority	DSCP provisional priority	802.1p priority	802.1p provisional priority	reservation-missing
terminal 40	terminal 10	20	0	0	0	0	OFF

Fig. 6(b)

source	destination	socket number	DSCP priority	DSCP provisional priority	802.1p priority	802.1p provisional priority	reservation-missing
terminal 40	terminal 10	20	32	0	6	0	OFF

Fig. 6(c)

source	destination	socket number	DSCP priority	DSCP provisional priority	802.1p priority	802.1p provisional priority	reservation-missing
terminal 40	terminal 10	20	32	0	6	0	ON

Fig. 6(d)

source	destination	socket number	DSCP priority	DSCP provisional priority	802.1p priority	802.1p provisional priority	reservation-missing
terminal 40	terminal 10		0	0	0	0	ON

Fig. 6(e)

source	destination	socket number	DSCP priority	DSCP provisional priority	802.1p priority	802.1p provisional priority	reservation-missing
terminal 40	terminal 10	20	16	0	5	0	OFF

Fig. 7

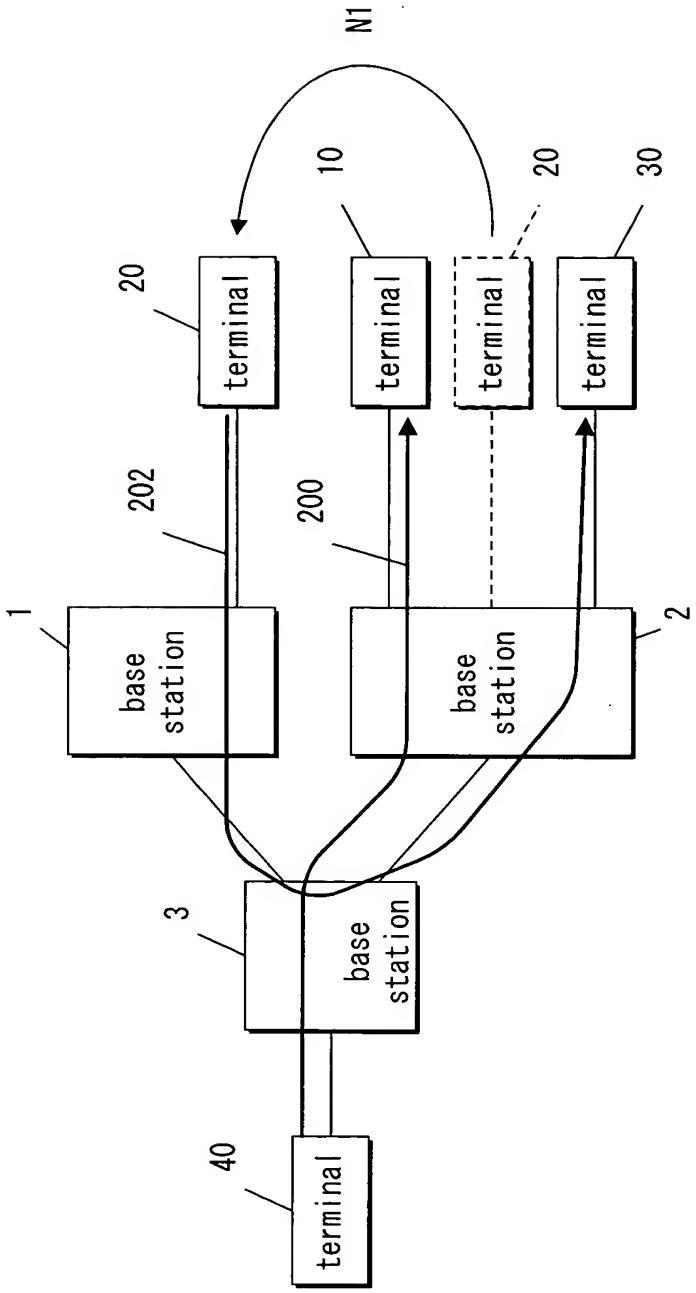

N1
10
20
30
20
terminal
terminal
terminal
terminal
202
200
1
base station
base station
2
3
base station
40
terminal

Fig. 8

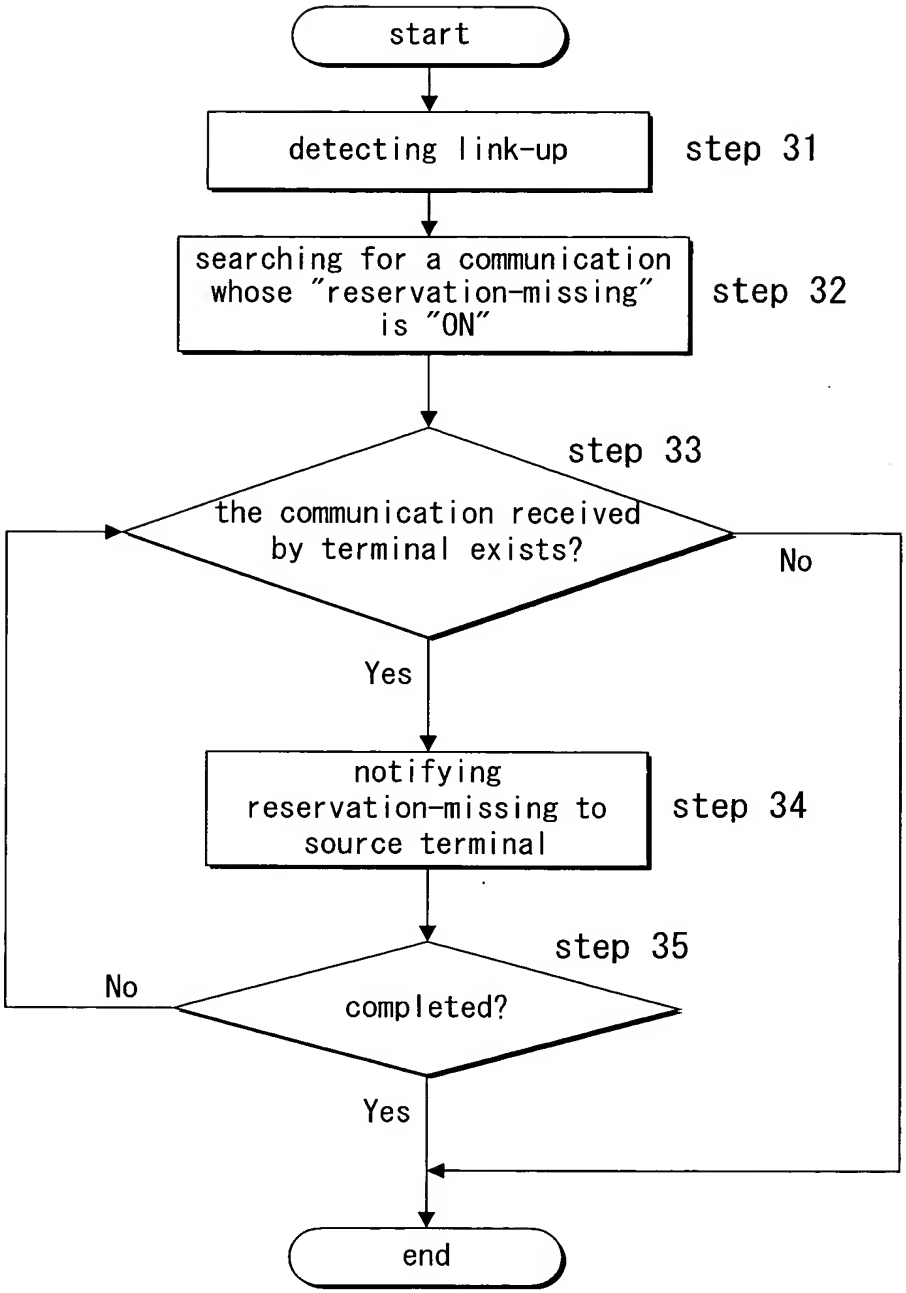

start
detecting link-up
step 31
searching for a communication whose "reservation-missing" is "ON"
step 32
step 33
the communication received by terminal exists?
No
Yes
notifying reservation-missing to source terminal
step 34
step 35
No
completed?
Yes
end

Fig. 9

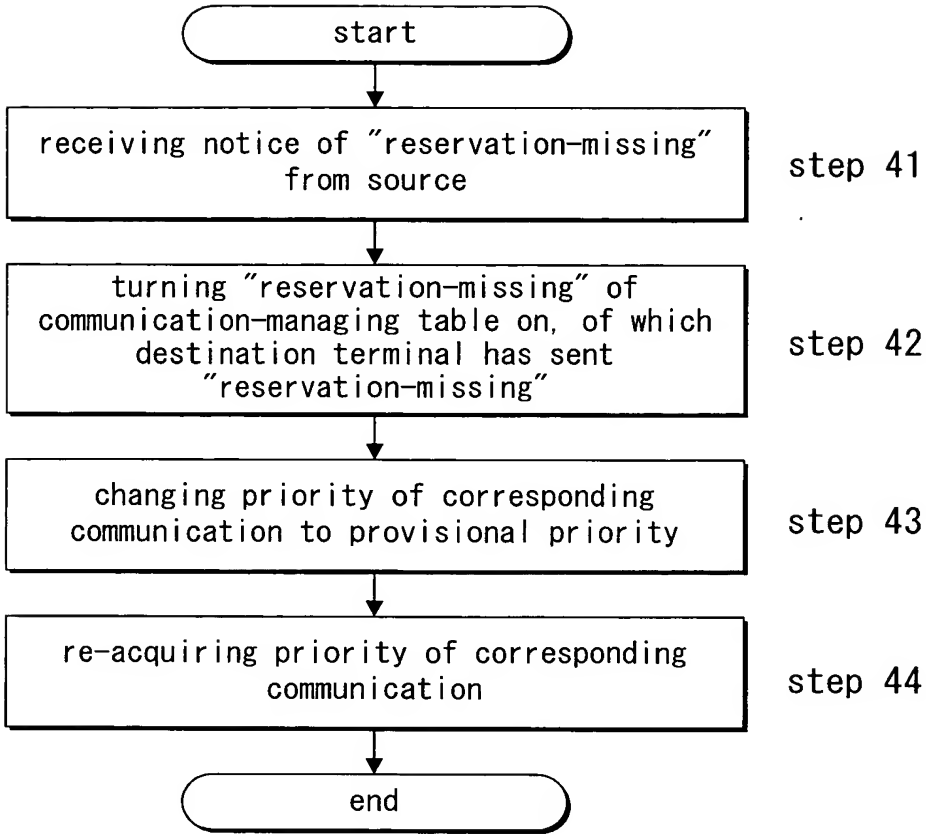

start
receiving notice of "reservation-missing" from source
step 41
turning "reservation-missing" of communication-managing table on, of which destination terminal has sent "reservation-missing"
step 42
changing priority of corresponding communication to provisional priority
step 43
re-acquiring priority of corresponding communication
step 44
end

Fig. 10

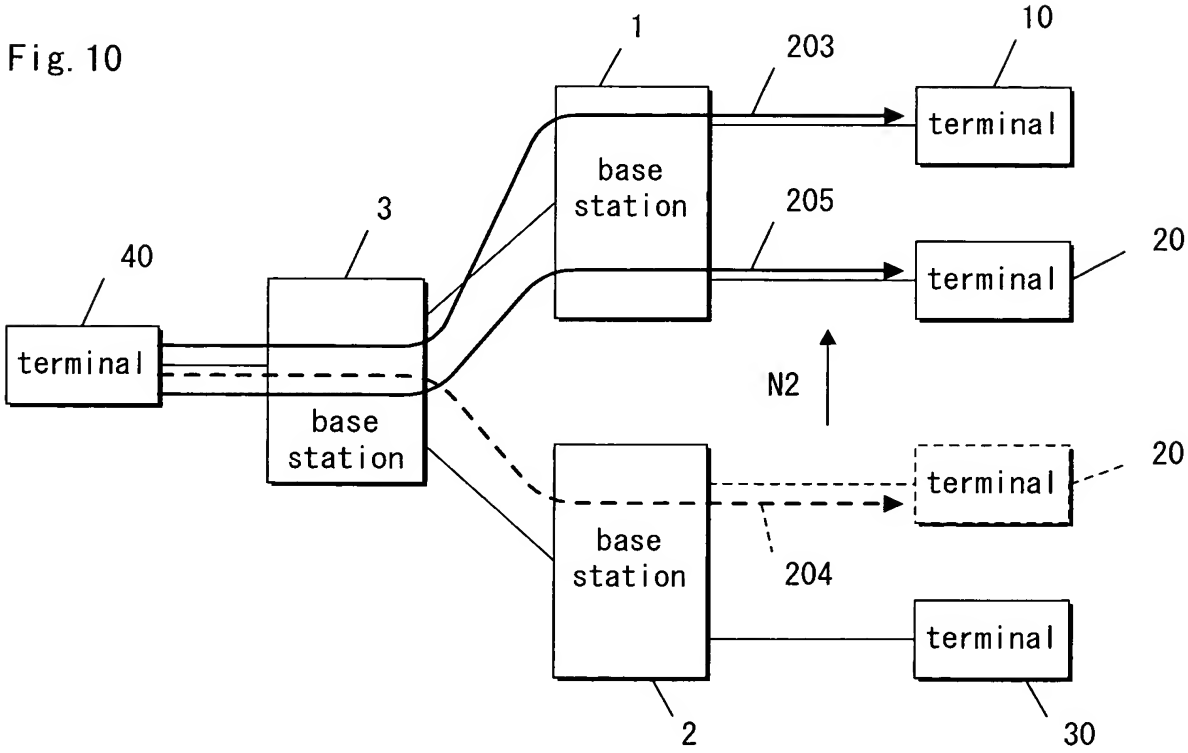

1
203
10
terminal
base station
205
3
40
20
terminal
terminal
N2
base station
20
terminal
204
base station
terminal
2
30

Fig. 11

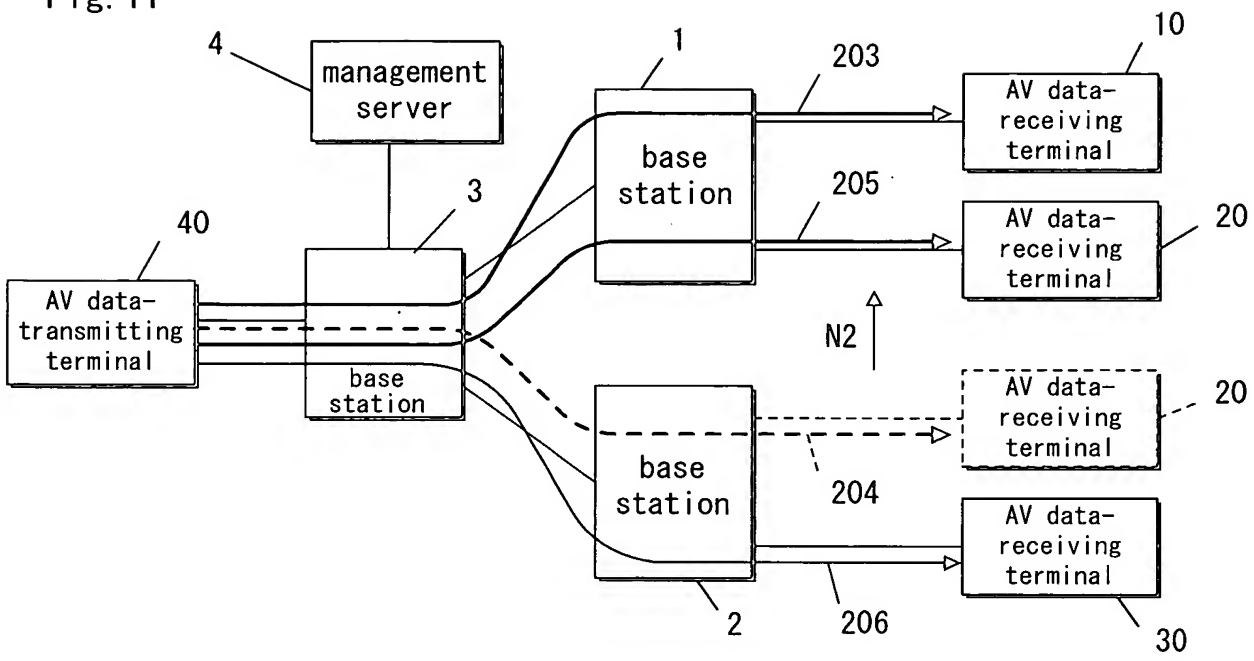

4
management server
1
203
10
AV data-receiving terminal
base station
205
3
40
AV data-transmitting terminal
AV data-receiving terminal
20
N2
base station
AV data-receiving terminal
20
base station
204
AV data-receiving terminal
2
206
30

Fig. 12

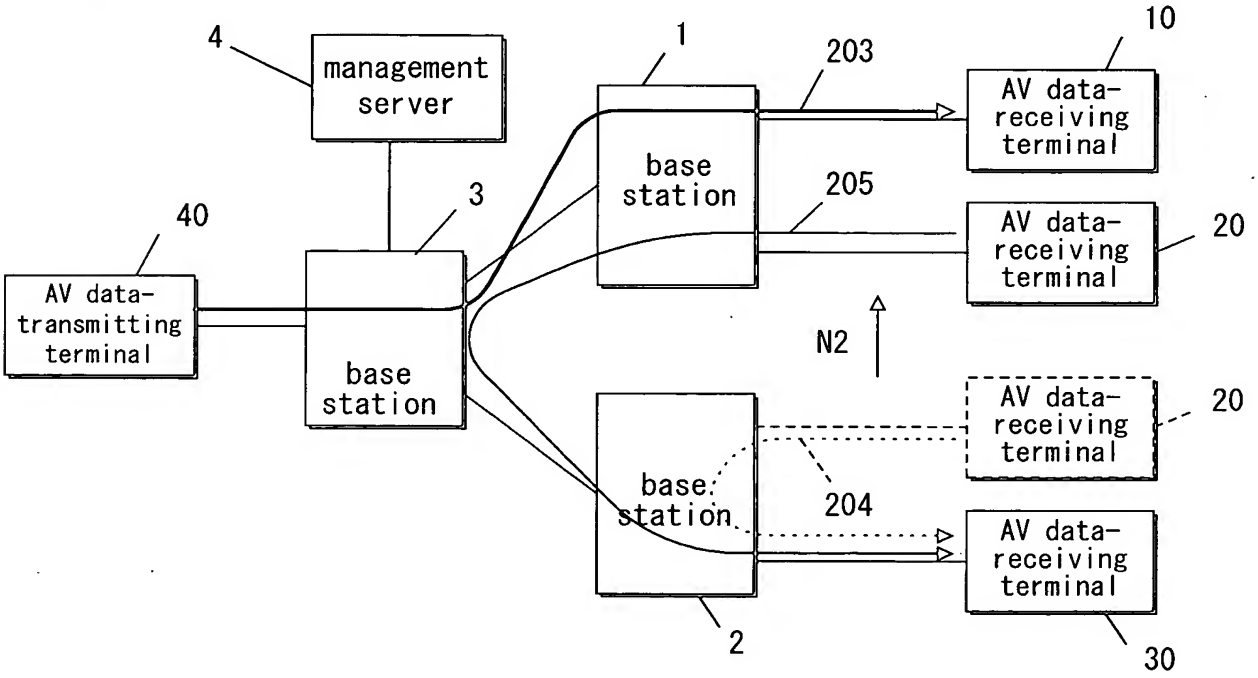

4
management server
1
203
10
AV data-receiving terminal
base station
205
3
40
AV data-transmitting terminal
AV data-receiving terminal
20
N2
base station
AV data-receiving terminal
20
base station
204
AV data-receiving terminal
2
30

Fig. 13

PRIOR ART

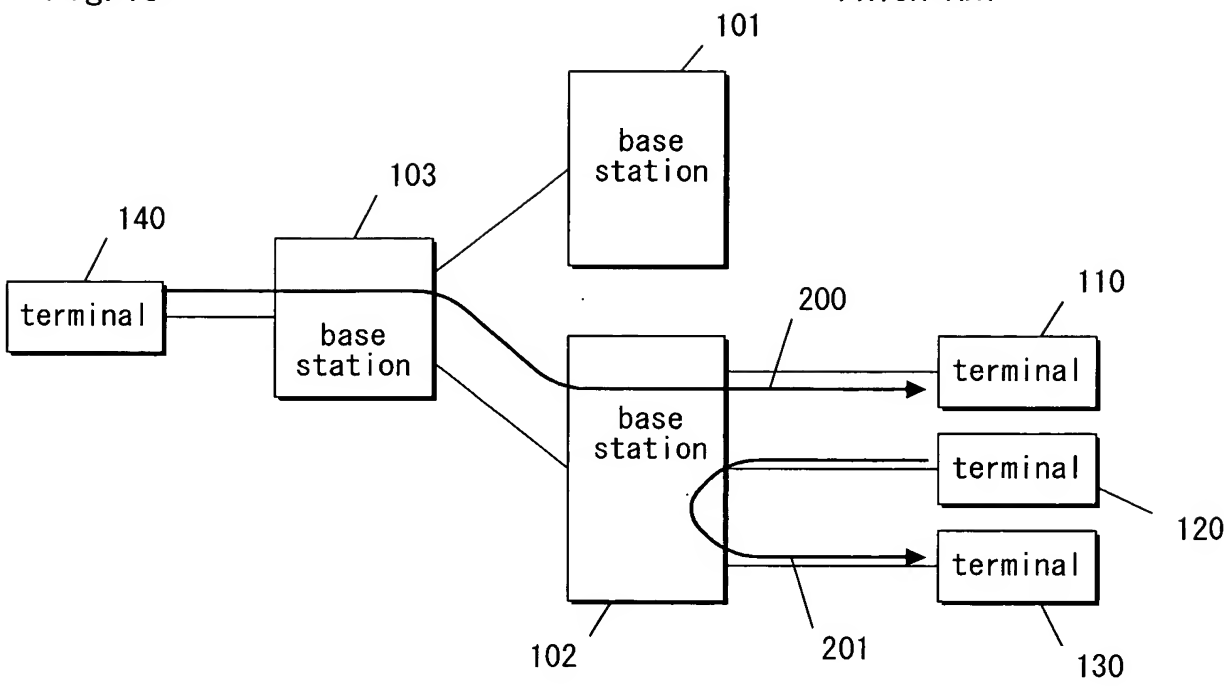


Fig. 14

PRIOR ART

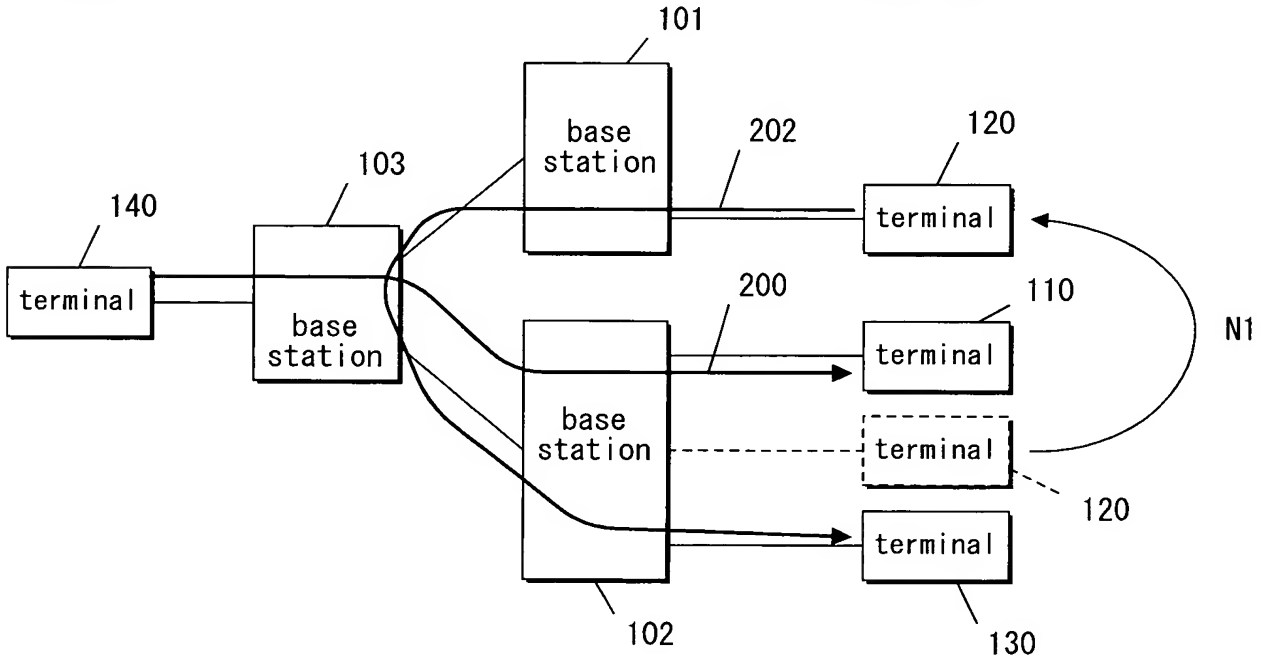


Fig. 15

PRIOR ART

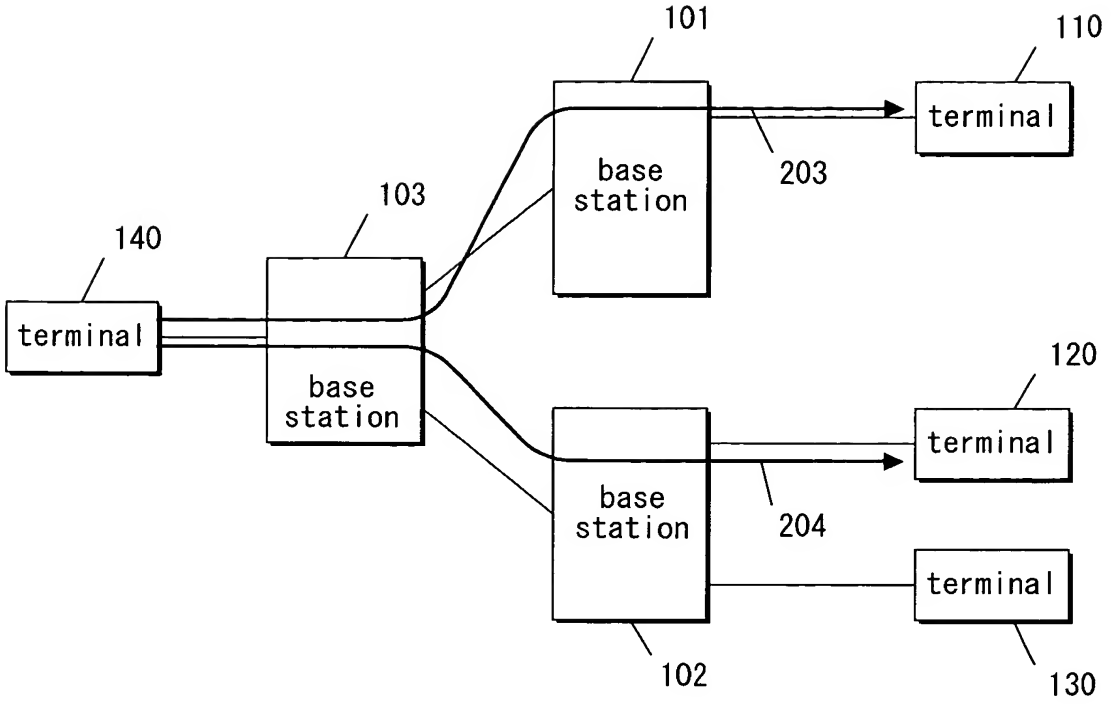
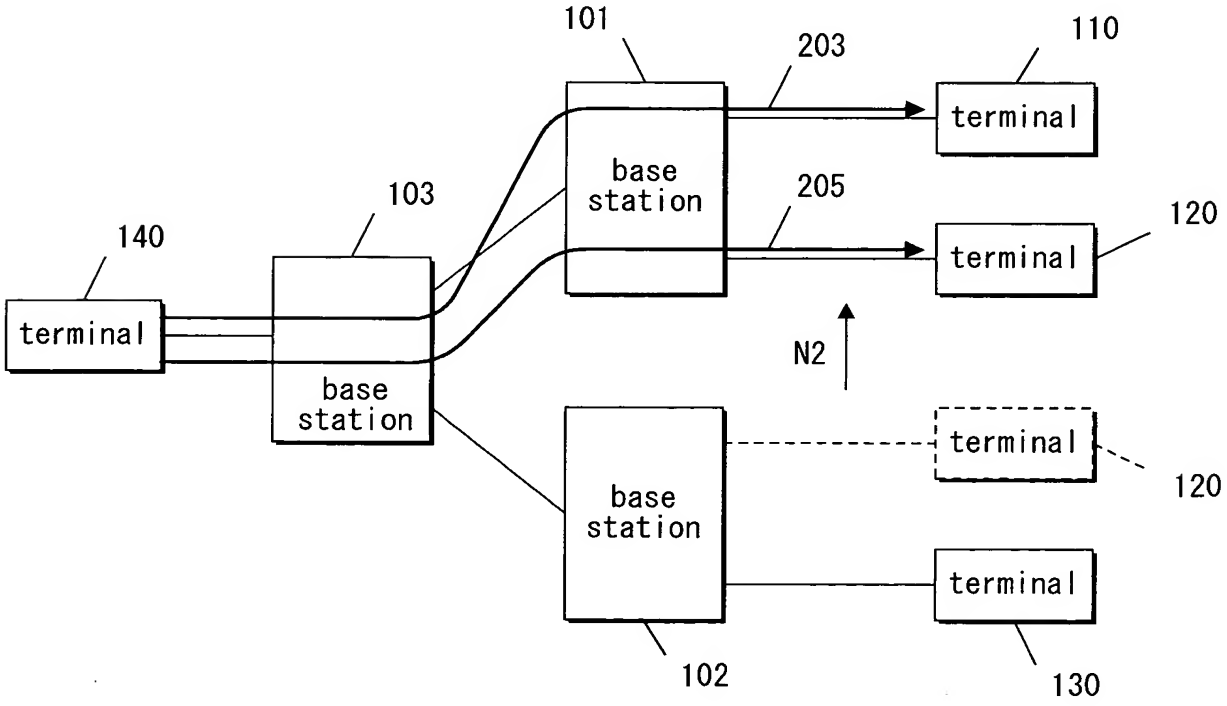


Fig. 16

PRIOR ART